

## ABSTRACT OF THE DISCLOSURE

A bone attachment apparatus and implantation system. The attachment device provides a screw with channels formed therein for implantation within a bone aperture. The channels are used as a torque transfer surface during implantation, and cooperate with a thread forming tap to enable screw implantation simultaneously with thread formation within the aperture. The tap can be used to form channels within the bone. A staple is coupled to the screw and the bone, utilizing the respective channels formed therein, to prevent rotation therebetween. The screw can also cooperate with the staple to secure a soft tissue graft.